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number Substitute for form 1449B/PTO Complete if Known ONFORMATION DISCLOSURE STATEMENT BY APPLICANT **Application Number** 10/662,871 Filing Date 9/16/2003 First Named Inventor Burton H. Sage, Jr. 8 2004 Dkke Submitted: March 18, 2004 Group Art Unit 3754 as many sheets as necessary) Examiner Name Unassigned

Attorney Docket Number

of 1

Sheet

-				U.S. PATENT DOCUMENTS	6	
Examiner Initials*	Cite No.1	U.S. Patent Document		Name of Patentee or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant
		Number	Kind Code <sup>2</sup> (if known)	Cited Document	Cited Document MM-YYYY	Passages or Relevant Figures Appear
TS	A1	3,469,578		Bierman	9-1969	
	A2	4,318,400		Peery	3-1982	
	A3	4,447,224	•	Idriss ex as	5-1984	
	A4	4,741,736		Brown	5-1988	
_	A5	4,447,232		Sealfon	5-1984	
_	A6	5,248,300		Bryant et al.	9-1993	
	A7	5,061,242		Sampson	10-1991	
	A8	5,665,070		McPhee	9-1997	
	A9	4,741,736		Brown	5-1988	
	A10	5,527,288		Gross et al.	6-1996	
	A11	4,886,499		Cirelli	12-1989	
	A12	5.016.047		Meacham	5-1991	
	A13	5,533,412		Jerman et al.	7-1996	. :
	A14	5,848,990		Cirelli et al.	12-1998	
	A15	5,575,770	<del></del>	Melsky et al.	11-1996	
	A16	5,211,626		Frank et al.	5-1993	
	A17	6,162,202		Sicurelli et al.	12-2000	
	A18	5,984,894		Moller-Jenson et al.	11-1999	
	A19	6,074,369		Connelly et al.	6-2000	
	A20	4,532,811		Miller, Jr. et al.	8-1985	
	A21	4,340,083	<del></del>	Cummins	7-1982	
	A22	4,468,221		Mayfield	8-1984	
	A23	5.163,920	<u>-  </u>	Olive	11-1992	
	A24	4,874,386		O'Boyle	10-1989	
	A25	4,777,368		Kerlin Jr.	10-1988	
	A26	4,938,079		Goldberg	7-1990	
	A27	4,938,368	<del>-  </del>	Sharman	7-1990	
7//	A28	6,386,050		YU VIA 1AAA	5-2002	
Α	A29	6,582,393		Sage, Jr.	6-2003	
			<del> </del>			

			FC	DREIGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent D Office <sup>3</sup> Number <sup>4</sup>	ocument Kind Code <sup>5</sup> (il known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant - Passages or Relevant Figures Appear	τ°
TS	A30	EP 1 177 802		Europe	6-2002		<u> </u>

Examiner Signature	/Theodore Stigell/	Date Considered	06/09/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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